

# **Product datasheet for TP300106L**

#### OriGene Technologies, Inc.

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### Bif (SH3GLB1) (NM\_016009) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human SH3-domain GRB2-like endophilin B1 (SH3GLB1), 1 mg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC200106 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MNIMDFNVKKLAADAGTFLSRAVQFTEEKLGQAEKTELDAHLENLLSKAECTKIWTEKIMKQTEVLLQPN PNARIEEFVYEKLDRKAPSRINNPELLGQYMIDAGTEFGPGTAYGNALIKCGETQKRIGTADRELIQTSA LNFLTPLRNFIEGDYKTIAKERKLLQNKRLDLDAAKTRLKKAKAAETRNSSEQELRITQSEFDRQAEITR LLLEGISSTHAHHLRCLNDFVEAQMTYYAQCYQYMLDLQKQLGSFPSNYLSNNNQTSVTPVPSVLPNAIG SSAMASTSGLVITSPSNLSDLKECSGSRKARVLYDYDAANSTELSLLADEVITVFSVVGMDSDWLMGERG

NQKGKVPITYLELLN

**TRTRPL**EQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

**Predicted MW:** 40.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 057093

**Locus ID:** 51100



### Bif (SH3GLB1) (NM\_016009) Human Recombinant Protein - TP300106L

**UniProt ID:** Q9Y371, A0A140VJU5

RefSeq Size: 6382 1p22.3 Cytogenetics: 1095 RefSeq ORF:

Synonyms: Bif-1; CGI-61; dJ612B15.2; PPP1R70

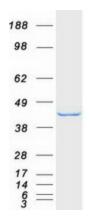
**Summary:** This gene encodes a SRC homology 3 domain-containing protein. The encoded protein

> interacts with the proapoptotic member of the Bcl-2 family, Bcl-2-associated X protein (Bax) and may be involved in regulating apoptotic signaling pathways. This protein may also be involved in maintaining mitochondrial morphology. Alternate splicing results in multiple

transcript variants. [provided by RefSeq, Sep 2011]

**Protein Pathways:** Endocytosis

## **Product images:**



Coomassie blue staining of purified SH3GLB1 protein (Cat# [TP300106]). The protein was produced from HEK293T cells transfected with SH3GLB1 cDNA clone (Cat# [RC200106]) using

MegaTran 2.0 (Cat# [TT210002]).